

ABSTRACT

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"Starter equipped with a torque-limiter and damper device"

The invention relates to a motor-vehicle starter of the type including an electric motor (10) including a cylindrical casing (24) within which the crown ring (58), internally toothed, of a planetary gear train (22) is mounted so as to rotate, and of the type in which the crown ring (58) is linked in rotation to the casing (24) by way of a torque-limiter device which is interposed between the crown ring (58) and a lateral flange (30, 34) and which consists of at least one annular, friction side face (82, 84) of the crown ring (58) and of a disc (88, 89) which is linked in rotation to the casing (24), which are pressed axially and elastically against one another by an elastic element (112), characterised in that the disc (88, 89) is linked in rotation to the casing (24) by way of at least one damper block (92), elastically deformable, which absorbs mechanical energy when it is compressed, in such a way as to damp the variations in torque transmitted to the crown ring (58).

Figure 1

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